

AMENDMENTS TO THE ABSTRACT:

Please replace the Abstract on page 37 with the following version:

ABSTRACT OF THE DISCLOSURE

A vehicle apparatus is provided to enable a clutch to be re-engaged without creating a shock when there is rollback of the wheels, which are driven by an electric motor via the clutch. The vehicle apparatus comprises a travel direction command determining section, an electric motor counterelectromotive force detecting section ~~a travel direction command determining section~~ and a wheel rotational direction determining section. The travel direction command determining section is configured to determine whether a forward travel command or a reverse travel command has been issued. The electric motor counterelectromotive force detecting section ~~travel direction command determining section~~ is configured to detect a counterelectromotive force of an electric motor that drives a wheel of a vehicle. The wheel rotational direction determining section is configured to determine whether the wheel is rotating in an opposite direction to a vehicle travel direction command determined by the travel direction command determining section, based on a determination that a polarity of the counterelectromotive force detected by the electric motor counterelectromotive force detecting section does not match the vehicle travel direction command determined by the travel direction command determining section.